

storage

tract (Equivalent): EP 352892 B

A high density-having, granular, concentrated detergent composition which comprises: (1) 30 to 50 wt.% of an anionic surface active agent, (2) 40 to 60 wt.% of an inorganic builder, (3) a fluorescent dye, characterized in that it further comprises (a) 5 to 25 wt.% of potassium potassium salt of an anionic surfactant or 2 to 10 wt.% of potassium carbonate or potassium sulfate, (b) 0.1 to 3 wt.% of *sodium* *chloride* and (c) 0.2 to 5 wt.% of polyethylene glycol having a molecular weight of 6,000 to 20,000.

Dwg.0/0

Abstract (Equivalent): US 4999138 A

High density granular concn. detergent compsn. comprises (a) 30-50 wt.% anionic surface active agent; (b) 40-60 wt.% inorganic builder; (c) fluorescent dye; (d) 5-25 wt.% of K-salt of an anionic surfactant or 2-10 wt.% of K₂CO₃ or H₂SO₄; (e) 0.1-3 wt.% of *NaCl*, and (f) 0.2-5 wt.% of polyethylene glycol of mol.wt. 6000-20000. Cpd. (c) has formula (I) or (II). X is PhNH or (o-CH₃ substd.) PhNH; and Y is N(CH₃)(CH₂CH₂OH) or has formula (III). ADVANTAGE - Colour of detergent particles is improved. (4pp)

Derwent Class: A25; A97; D25; E23; E24; E34

International Patent Class (Main): *C11D-003/40*; *C11D-003/42*

C11D-017/06

International Patent Class (Additional): C09B-049/02; *C11D-001/02*; *C11D-003/37*; *C11D-003/60*; *C11D-003-04*; *C11D-003-37*; *C11D-003-42*

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DIALOG(R)File 352:Derwent

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007525757

WPI Acc No: 1988-159689/198823

Domestic soap prodn. - from mixed, high and low titre, synthetic and natural fatty acids

Patent Assignee: MASLOZHIRPROM RES (MASL-R)

Inventor: KRAVCHENKO A M; POCHERNIKO V I; ULYANOV Y U V

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 1350171	A	19871107	SU 3991259	A	19851217	198823 B

Priority Applications (No Type Date): SU 3991259 A 19851217

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
SU 1350171	A	5		

Abstract (Basic): SU 1350171 A

Soap is made by neutralising natural and synthetic fatty acids with Na₂CO₃ and NaOH, salting out, washing, settling and removal of the crude soap, vacuum drying by spray and shaping the base. Better quality soap is made from a mixt. of high titre natural and synthetic fatty acids and low titre natural fatty acids in the ratio 4:1 to 6:1. Water washing is conducted at 40-60 deg. C. until the *NaCl* concn. is 2-11% by wt. of the C₁₀-C₁₆ synthetic fatty acid fraction. *Spray* *drying* is conducted at 430-470 g/sec. TiO₂ is added to the finished soap, while perfume is added to the soap chips at the disintegration stage. ADVANTAGE - The patented soap is harder, more pliable and better at foam prodn. than current soap. It is structurally homogeneous, has a stable titre and optimum swelling characteristics. Bul.41/7.11.87.

(5pp Dwg.No.0/0

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ent Class: D24; E12
International Patent Class (Additional): *C11D-013/02*

DIALOG(R)File 352:Derwent
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004274475

WPI Acc No: 1985-101353/198517

Detergent mfr. by *spray*-*drying* - modified by *sodium* *chloride*
addition to increase strength of product

Patent Assignee: NOVENYOLAJIPARI ES (NOVE-N)

Inventor: SANDOR F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
HU 34540	T	19850328	HU 831652	A	19830512	198517 B

Priority Applications (No Type Date): HU 831652 A 19830512

Abstract (Basic): HU 34540 T

In the prodn. of washing powders by *spray* *drying*, improvement
comprises adding to the mixt., after neutralisation of the detergent
components and prior to the addn. of the tripolyphosphate, at least 1
wt% *NaCl* at a pH of below 10.2.

The modification reduces the viscosity and water content of the
slurry and increases the concn. of the product

Derwent Class: D25; E34

International Patent Class (Additional): *C11D-011/02*

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DIALOG(R)File 352:Derwent
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002246544

WPI Acc No: 1979-45740B/197925

Optical brightener prepns. contg. polyvinyl alcohol - to reduce greening
of detergent compsns. during storage

Patent Assignee: HOECHST AG (FARH)

Inventor: HITSCHFEL G; HOHLFELD G; MARTINI T

Number of Countries: 008 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2834224	B	19790613				197925 B
EP 8669	A	19800319				198012
JP 55025478	A	19800223				198014

Priority Applications (No Type Date): DE 2834224 A 19780804

Cited Patents: AT 318531; AU 36973; DE 2351430

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 8669	A	G		

Designated States (Regional): BE CH DE FR GB IT NL

Abstract (Basic): DE 2834224 B

Prepns. of known detergent brighteners of formula in which R is (I)
-N O or (II) -N(CH₂CH₂OH)₂, contain 1-100 wt.% polyvinyl alcohol based
on wt. of brightener.

In solid detergent mixts. for use as washing powders.